

## COLD THERAPY APPARATUS

Abstract of the Disclosure

A thermal therapy apparatus for applying temperature controlled therapy to a therapy site on a mammalian body includes a therapy pad for applying a selected therapy temperature to the therapy site; a recirculating fluid loop, including a fluid channel defined by the therapy pad; a thermal reservoir; a heat exchanger coupling the thermal reservoir with the recirculating fluid loop, the heat exchanger including a pump for circulating fluid through the recirculating fluid loop; and a control mechanism coupled to the heat exchanger for enabling adjustable control of therapy temperature. The heat exchanger selectively mixes fluid recirculating in the fluid loop with fluid from the thermal reservoir in an adjustable mixing ratio to achieve the selected therapy temperature at the therapy site.

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